



Atty. Docket No. 3007-1008

19
PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Marian Elizabeth LUDGATE

Confirmation No. 9824

Serial No. 09/509,687

GROUP 1644

Filed April 19, 2000

Examiner P. Moran

BIOASSAY FOR THYROID STIMULATING
ANTIBODIES

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TECH CENTER 1600/2900

AMENDMENT

DO NOT
CITE
P.N.
1/31/03

Commissioner for Patents

Washington, D.C. 20231

Sir:

Responsive to the Official Action of June 24, 2002,
please amend the above-identified application as follows:

Amend claim 36 as follows:

--36. (twice amended) A clone expressing human TSH-R

(thyrotropin receptor) stably transfected with a reporter
construct comprising cDNA of both

(i) a reactant capable of causing a measurable response when
brought into contact with a corresponding substrate, and

(ii) a promoter comprising no more than two cAMP response
elements (CREs),

whereby levels of the reactant vary with induced endogenous cAMP
levels. --

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